

Date: Tue, 28 Sep 93 22:06:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1152
To: Info-Hams

Info-Hams Digest Tue, 28 Sep 93 Volume 93 : Issue 1152

Today's Topics:

 Address Change Form
 Antenna Covenants AGAIN (but now with a twist!)
 eliminating RFI from PC on hf bands
 FT-411e response to unknown...
 How much are 6 land incoming bureau envelopes?
 New license question
New Products Announcement: BFH-1 & BFH-2 (2 msgs)
 Press release
 Public Access Internet
 Radio Shack HTX-404 Reports ?
 Regenerating PL tones thru a repeater.
 RFI from my Mac to my HT
 TS-450 computer control

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 28 Sep 1993 11:27:41 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: Address Change Form
To: info-hams@ucsd.edu

In article <CEBE34EB60C3234F@gmr.com>, A15SEA%ANDV02@gmr.COM wrote:

>
> Hi folks, I just moved a month ago and need to change my address
> for the callbook etc:, How do I go about getting this

> done. Where do I write or call or get a form ???

>

> Thanks for your help in advance.

>

> -----

> Steve: as far as I can tell, fill out a form 610 with your address change and send it to the FCC. This changes your address which is also used by the FCC as the primary location for your station. Callbooks have to get their info from the FCC files, as the FCC is the only one that issues callsigns, and they get their info from the 610s.

Cheers

Milt

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Opinions, thoughts, &cetera expressed are my own and not representative of Evans & Sutherland Computer Company.

"He flies the skies
Like an Eagle in the eye
of a hurricane.
He's the Sandman"
America

KB7MSF
Amateur Radio
"Sandman"

work: (801) 582-5847 ext 6530
FAX: 5848
home: (801) 224-1757

Date: 28 Sep 1993 17:40:38 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!uwm.edu!
cs.utexas.edu!swrinde!elroy.jpl.nasa.gov!porgy!mas@network.ucsd.edu

Subject: Antenna Covenants AGAIN (but now with a twist!)

To: info-hams@ucsd.edu

>>>> "Gary" == Gary Coffman <gary@ke4zv.UUCP> writes:

Gary> The FCC has already proposed uses for the VHF TV spectrum after
Gary> 2004 when commercial broadcast will shut down it's VHF
Gary> operations and go strictly to UHF HDTV.

Is this carved in stone? Is broadcast VHF doomed? Not that this
wouldn't be a good thing, but I haven't heard before this?

Gary> What some in the industry are hinting is that it may not be cost
Gary> effective to go to HDTV UHF transmission when the time
Gary> comes. Instead they may just rent transponder time and become

Gary> strictly cable channels.

Does that mean they'd be broadcasting HDTV on the cable of NTSC? I'd love to see NTSC dissapear and be replaced by a good HDTV format...

Marc

--

Marc Sarrel
Jet Propulsion Laboratory
mas@porgy.jpl.nasa.gov

"My squid's name is Ned, or maybe Fred.
He's painted red
To match his bed.
A pedigreed squid thoroughbred
Is Ned, or Fred, or is it Ted?"
-B. Kliban

N70LI

Date: Tue, 28 Sep 1993 13:17:44 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: eliminating RFI from PC on hf bands
To: info-hams@ucsd.edu

In article <287v7dINNi8f@early-bird.think.com>,
zicarell@jimmy.dfci.harvard.edu (Tom Zicarelli) wrote:

> Can anyone recommend a good source of information to help with
> eliminating annoying harmonics generated by a PC. They are especially
> strong on 10 and 15 meters. Thanks.
>
> Tom Zicarelli
> KA1IS

Distance and a power switch. (Sorry, this is one of those days!!!)

Seriously, there is probably more RFI from the monitor than the PC, or maybe some feedback through the power cord into the power sockets. I use a power conditioner for the PC and don't seem to have that problem, even though the PC and monitor are within 24 inches of my TS-520 HF rig, with one coax to the antenna passing within inches behind the PC. You might also make sure the monitor cord is shielded and not passing close to any of your antenna feed lines.

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work: (801) 582-5847 ext 6530
FAX: 5848
home: (801) 224-1757

Date: 28 Sep 1993 23:45:32 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!
howland.reston.ans.net!vixen.cso.uiuc.edu!ux4.cso.uiuc.edu!ahall@network.ucsd.edu
Subject: FT-411e response to unknown...
To: info-hams@ucsd.edu

To: <Unknown>
Subject: Re: RESPONSE to FT411e vox and Nasa-mics. etc..
Newsgroups: rec.radio.amateur.homebrew
References: <27r0gi\$cp0@vixen.cso.uiuc.edu>
<1993Sep23.135257.179@titan.ksc.nasa.gov>

Tom,

The FT411e has a built in VOX-relay, it's a tad bit more complex
to make a vox circuit, luckily I didn't have to.-
good luck w/ the project (the 1993 arrl handbook has the specs for making
a vox cuircuit that works on any rig -the one they talk about was
origionally made for hf rigs- but would work w/ an HT, you might have
better luck w/ that \$5 headset- sorry you got me there)
73's
Allen n9rzc@uiuc.edu

Date: 28 Sep 1993 23:32:41 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!
spool.mu.edu!sdd.hp.com!hpscit.sc.hp.com!icon.rose.hp.com!hpchase.rose.hp.com!
cmoore@network.ucsd.edu
Subject: How much are 6 land incoming bureau envelopes?
To: info-hams@ucsd.edu

jeffrey.n.jones (jeffj@cbnewsm.cb.att.com) wrote:
: I got a notice that my supply of envelopes is just about out from
: the call area 6 incoming bureau and for the life of me I can't
: remember how much the envelopes were. For those of you wondering
: what I mean, they will only send you your incoming QSL cards in their
: envelopes. It's a good deal but I can't remember how they
: were. All you have to do is send them a check and mailing lablels
: with your call on them and they will ship your incoming QSL cards to you.
: Makes it really easy. Now if I only could remember how much they

: were. 8-) 73!

I think I just sent them a check for \$5 or \$10. They tell me on each envelope how much money they have left in my name and when it gets low I send them another check.

Chris Moore
N6IYS
cmoore@mothra.rose.hp.com

Date: Tue, 28 Sep 1993 13:12:33 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: New license question
To: info-hams@ucsd.edu

In article <1993Sep28.000824.5862@news.uiowa.edu>, drenze@icaen.uiowa.edu
(Douglas J Renze) wrote:

> A quick question about something that's confusing me. I just got my ticket
> in the mail today. Under operator privileges, it says "technician." On my
> CSCE, it said I passed my exam and earned "Technician w/HF." My questions:
> (1) Does the FCC differentiate on the Technician-class licenses between
> Tech No-code and Tech/HF? (2) If not, or if so and my license is in error,
> do I have to identify with the "/KE" when I use my HF privs? (3) If so and
> there is an error on my license, whom do I contact?

>
> Tnx es 73,
> Doug, N0YVW
>

Doug: read an article on this very subject just yesterday (I think). The FCC does not differentiate code and no code on the issued licenses. You must keep a copy of your CSCE to verify that you have the code and HF privileges. So go ahead and operate without fear of jail and confiscation. I always post my license and any current CSCE's in my Ham Shack. You have your valid Tech ticket with HF privileges and don't need the /KE. Have fun.

Milt
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FAX: 5848
home: (801) 224-1757

Date: 28 Sep 93 15:13:54 GMT
From: ogicse!uwm.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: New Products Announcement: BFH-1 & BFH-2
To: info-hams@ucsd.edu

Jeff M. Gold, AC4HF, writes:

>I was under the understanding that the Internet was not to be used
>for promoting commercial products..guess I was wrong.

April 1 came WAAAAAY late this year. Its a put-on, Jeff.
Read it again. (Hint BFH = Big F_____ Hammer)

73
Kris, AA5UO

Date: Tue, 28 Sep 1993 13:41:59 GMT
From: paperboy.ids.net!guinea.com!sales@uunet.uu.net
Subject: New Products Announcement: BFH-1 & BFH-2
To: info-hams@ucsd.edu

GuineaCrafters is pleased to announce the availability of two new
products which will be of invaluable use to the amateur community:

BFH-1 & BFH-2

The BFH series utility devices are a generic-purpose troubleshooting,
diagnosis, and problem-solving tools. Perfect for those hard-to-figure-
out problems, the BFH devices are able to easily find your problems
and solve them with a minimum of effort on your part. Better than an
oscilloscope, spectrum analyzer, frequency counter, and signal
generator all wrapped into one, the BFH series utility devices allow
you to solve all problems without carrying around a large quantity of
bulky test equipment.

BFH-1: For applications above 140mhz, where delicate finesse is
required. Will work with all equipment from 140mhz through 25ghz.

Specifically designed with surface-mount technology in mind.
(Dim: 12"x6"x1", ship. wt. 2lb. Amateur cost: \$24.99)

BFH-2: For applications below 100mhz, where bulk is more important than
finesse. Great for solving all those tube amplifier problems,
or just plain fixing a roller-inductor tuner. Can even be used
to verify that those PL-259's are on nice and snug! No more
water contamination problems!
(Dim: 15"x8"x1.5", ship. wt. 4lb. Amateur cost: \$44.95)

For additional information (i.e.: spec sheets, etc.) feel free to contact us
via e-mail.

GuineaCrafters, Inc.
Made With Italian Pride...

Date: 28 Sep 1993 19:49:41 GMT
From: noc.near.net!transfer.stratus.com!amateur1.cac.stratus.com!jay@uunet.uu.net
Subject: Press release
To: info-hams@ucsd.edu

FOR IMMEDIATE RELEASE: SEPTEMBER 28,1993
SUBJECT: New Bulletin Board (BBS)
CONTACT: Steve Lukovics, President Marketing, Creative Media Productions
125 Dutcher Street, Hopedale, MA 01747
Phone: 508-478-6969 X201 BBS: 508-478-1429

HOPEDALE, MA -- Creative Media Productions (CMP) has announced that on October
1,1993 a new (24HR) digital bulletin board (BBS) will be available.

Creative Media Productions is a state of the art multimedia studio with focus
on digital imaging, multimedia products and consumer/business
presentations. Public Safety agencies have utilized CMP for it's experience in
network installations and system consulting.

The telephone number will be (508) 478-1429. The board is open to the general
public. A trial account is setup upon your login. At that time you will receive 15
minutes a day and 5 complimentary downloads. After a 30 day trial period you will
be invited to subscribe.

RATE SHEET FOR SUBSCRIPTION

Introductory 2 Months for \$10.00 which includes 50 Downloads maximum at 15

	minutes a day
Basic	4 Months for \$20.00 which includes 100 Downloads maximum at 30 minutes a day
General	4 Months for \$35.00 which includes 100 Downloads maximum at 45 minutes a day
PC+	2 Months for \$20.00 which includes 25 Downloads maximum at 15 minutes a day and 1 Hour of PC Hardware Consultation by BBS.

In order to maintain low subscription rates for their customers, CMP will only honor personal checks at this time.

Current categories include:

Amateur Radio	Communications Utilities	Multimedia **
Emergency Mgt/Police/Fire	PCBoard Version 15	Graphics
Health and Medical	Radio Scanners	Photo

Games and Unprotects	IBM/DOS	
Radio Modifications	Geneology	
Home and Real Estate	Business	

And much more.

PC+ members will receive Personal Computer technical consultation through the PC-Consulting Conference. Individuals will receive a 1.5:1 time ratio on uploads.

Creative Media Productions is a contributor and developer for major companies like Mathematica Inc. of Lakeland Florida, Image-Q of Ontario Canada and many other state of the art multimedia vendors.

** Multimedia forum under development

*** Photo forum allows exceptional quality photographs to be stored and used only by permission of the author. This photobase would be a resource for companies. Creative Media Productions will assist you in the placement of these photographs for business needs. Please inquire on this controlled library.

Amateur Radio includes modifications, technical, DX, scanning, swl and much more.

Digital manuals will be available for some Alinco radios.

Alinco, Kenwood, Drake, Yeasu, Radio shack, tentec, bearcats, uniden, kantronics and much more on line.

Date: Tue, 28 Sep 1993 23:55:59 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!
europa.eng.gtefsd.com!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-
state.edu!csn!erik@network.ucsd.edu
Subject: Public Access Internet
To: info-hams@ucsd.edu

I'm not sure quite where to post this question so I'll post to this group
since it is the most diverse one that I read. Does anyone know of a
public access internet site in the Huston, Texas area that would be a local
phone call from the Huston/Texas City area? I am trying to find an internet
email site for a friend. Please email a voice/data number.

TNX de erik

--

Erik Mugele	*	erik@csn.org	*	"Vegetarians eat vegetables..."
	*	mugele@sil.org	*	Beware of humanitarians!"
Ham Radio: N5YX	*		*	-- Wisdom of Dr. Bob
DoD #: 1030	*	719.550.6188	*	

Date: 28 Sep 1993 12:55:49 -0400
From: library.ucla.edu!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
news.mtu.edu!news.mtu.edu!not-for-mail@network.ucsd.edu
Subject: Radio Shack HTX-404 Reports ?
To: info-hams@ucsd.edu

Greg Law (gregl@news.delphi.com) wrote:
: ODonnellP@MAR65.MAR.ORA.FDA.GOV writes:

: >Radio Shack HTX-404 Reports ?

: The HTX-202 and HTX-404 use the same battery packs as the Icom W2A and
: they are readily available. Peripherex has a number of replacement
: battery packs ranging from 7.6 volt to 12 volt, 1200 mah for about \$65.
: You might also check with other vendors such as Battery Packs 'R Us. :-)
: Sorry, I couldn't resist. :-)

When did they change batteries? All the HTX-202's (I've never met a 404 in
person) took the old style battery like the IC-2AT or IC-2GAT. The w2a is a
very different beast.

: >The receive audio is wonderful. Much better than ANY HT I have ever used,
: >except Motorola. No wimpy Icom audio on these dudes! I also have an Icom
: >2SRA, which I enjoy, but the audio is awful compared to the RS.

Try comparing to a 4-AT... It's the best I have heard, although I haven't compared side by side with a Radio Shack. Certainly can't be any worse than an Alinco 160 or my 2GAT. (BTW, replacement speakers for an Alinco DJ-160, from Alinco, cost less than \$1. Any guess why it sounds *awfull*?)

: I agree that the HTX-202 has exceptional audio compared to some of the
: other HTs. On the other hand, a good external speaker works wonders for
: improving audio quality -- especially in a noisy environment such as in
: a car.

73 de Ken n8pbe

Date: Tue, 28 Sep 1993 16:55:51 GMT
From: agate!howland.reston.ans.net!gatech!kd4nc!n4tii@ames.arpa
Subject: Regenerating PL tones thru a repeater.
To: info-hams@ucsd.edu

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <CE1FF6.18u@ced.utah.edu> mladejov@ced.utah.edu writes:

>>Hi

>>Looking for some net.wisdom on how to regenerate one of several PL
>>tones through repeaters. I am building several VHF repeaters, each of
>>which needs to decode one of several PL tones, let's say 100.0, 110.9
>>and 123.0Hz, and then if any of these three is detected (but not any
>>other PL tone), it keys the transmitter, and enables the matching PL
>>encoder so that the respective PL tone is passed out of the
>>transmitter.

>>

>>Obviously this could be done with three or more PL decoders, and three
>>or more PL encoders at each repeater site. I am looking for a solution
>>where there is one general-purpose PL tone decoder, which is capable
>>of determining of what tone is being sent "on the fly" (like a
>>period-measuring freq counter), which produces an output which says
>>which PL tone is being detected. (Kind of like a PL "scanner").

>>

>>I plan to interface this scanning PL decoder to a micro-computer, and key
>>the transmitter only if the PL code matches one stored in a table. The
>>regeneration could be taken care of by having the uP load a byte into
>>the frequency determining register on a single gen-purpose PL encoder
>>(ie, replace the dip switches with a latch).

>>

>>So, anybody have any ideas on how do do this short of buying three or
>>more decoders and three or more encoders per site? Alternatively, how
>>about a source of lots of cheap PL decoders, or a cheaply-reproduceable
>>chip-based PL decoder based on an IC chip.

>Well multiple decoders will give the fastest response time, but you
>can program the microprocessor to *scan* the input by writing the
>proper bit sequence to the decoder's dip switch. The only down side
>to this is that you have to scan relatively slowly to allow the
>decoder time to lock on any particular PL. This is a good application
>for DSP. A FFT of the 50-150 Hz region of incoming audio will show
>what PL is active. You might even get away with a simple zero crossing
>detector following a low pass filter with a cutoff around 150 Hz.
>Just do a period count, several times to avoid falsing, with the
>microprocessor to determine the frequency of the incoming PL.

Awwwww Gary, you always have to be so technical..... here's how an appliance operator would do it....

What this guy needs is a Community Repeater Panel. He didn't say whether or not it would be on the ham band...and chances are, if he's checking a list or something with a computer, he's interested in billing, etc...most likely, he's putting up a community repeater, or maybe a GMRS machine and he's selling tones on it. Anyway, Zetron and Communications Specialists both offer what he's wanting. You can program any number or tones for access and restrict many others...plus it has phone patch options, etc. The Zetron is very similar..... check those out, they might be what you're looking for.

John
n4tii%kd4nc.uucp@gatech.edu

>Gary

>--

>Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
>534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
>Lawrenceville, GA 30244	-Ray Stevens	

Date: Tue, 28 Sep 1993 13:22:34 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: RFI from my Mac to my HT
To: info-hams@ucsd.edu

In article <2882f5\$1ii@techbook.techbook.com>, genew@techbook.techbook.com
(Gene Wolford) wrote:

> Douglas J Renze (drenze@icaen.uiowa.edu) wrote:
> : I bought a Radio Shack HTX-202 today, and when I got it home, I noticed a
> : distressing problem!

> : It seems that when I use my Mac SE and am monitoring the local repeater at
> : the same time, the Mac puts out a signal at 146.850 MHz--right on top of
>
> Get rid of that darn Mickeyentosh!! 8-)
>
> Well, failing that, find a copy of April 1992 CQ magazine and build the \$15
> J-pole antenna, ("Electricians Delight"). I built one substituting 1/2"
> copper pipe for the aluminum rod suggested in the article and it works great.
> (If you use 1/2" pipe you'll need longer screws for the clamps).
> BTW, I also fed it differently because the capacitor in the article,(from
> Rip Shack), is obsolete. Just run a rod up from the coax connector, parallel
> to the short antenna element and make a clamp which you can slide up and
> down to find the best match. A 14 inch rod will provide plenty of adjustment
> range. If desired, once you find the correct length, you can make a one
> piece rod of the correct length, with appropriate bends at the top, and
> solder it all in place for a permanent electrical connection. That is why I
> used copper materials.
> I wound up with swr of about 1.1 at each end of 2 meters and 1.0 in
> the middle. BTW, SWR on 440-450mhz is about 1.3 - 1.4. I think I'll build
> another specifically tuned for 70cm.
>
>

I have a JPole built in PVC pipe. The wire has an elastic cord pulling it tight against the top. The pipe is in three sections that I can take apart and stick in my suitcase when traveling. Currently, I bracketed it to a 2 x 2 attached to the edge of the roof outside my ham shack. Works great and no interference with my PC, my SW receiver (old Knight), my stereo, or other radios. I used the JPole up in the mountains on vacation with my 2M mobile, and was able to hit the home repeater from 90 miles away with mountains in between using 50 watts.

Milt

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From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!
howland.reston.ans.net!darwin.sura.net!uvaarpa!murdoch!hopper!
porter@network.ucsd.edu
Subject: TS-450 computer control
To: info-hams@ucsd.edu

Anyone know where I can get software to control a Kenwood
TS-450 from my computer (besides HamWindows, a \$150 package
from Kenwood) ? Anyone tried hacking at this?

I'm not exactly sure what things are possible by hooking
the computer and radio together, but I like them individually.
I think they'd make a great couple!

Alan Porter work: (804) 978-5764 alan.porter@cho.ge.com
ham: KD4DNU home: (804) 973-ALAN big@catt.ncsu.edu

End of Info-Hams Digest V93 #1152
